

# METHOD AND RELATED APPARATUS FOR NON-INTEGGER FREQUENCY DIVISION

## Abstract

A method includes generating  $N$  reference clocks with period  $T$  and phases uniformly distributed in 360 degrees; using each of the  $N$  reference clocks to trigger  $M$  intermediate signals with period  $M \cdot T$  and phases uniformly distributed in 360 degrees; and performing a logic operation between at least two intermediate signals respectively corresponding to two different reference clocks to generate an output clock with period  $(M/N) \cdot T$  to achieve non-integer frequency division.